

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/21/2025 1:16:26

Lab File ID: BM049367.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020067 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.530	0.591	0.010	11.5479	40.0
Benzaldehyde	0.905	1.043	0.010	15.2315	40.0
Pyridine	1.556	1.641	0.010	5.4986	40.0
Phenol	1.746	1.706	0.080	-2.2554	20.0
Bis(2-Chloroethyl)ether	1.421	1.416	0.100	-0.373	20.0
2-Chlorophenol	1.335	1.350	0.200	1.1582	20.0
2-Methylphenol	1.275	1.173	0.010	-8.0001	20.0
2,2-oxybis(1-Chloropropane)	2.130	2.286	0.010	7.3131	40.0
Acetophenone	2.126	2.043	0.060	-3.8981	20.0
4-Methylphenol	1.397	1.285	0.010	-8.0264	20.0
N-Nitroso-di-n-propylamine	1.148	1.095	0.050	-4.6468	30.0
Hexachloroethane	0.574	0.588	0.100	2.4525	20.0
Nitrobenzene	0.395	0.420	0.050	6.3612	25.0
Isophorone	0.768	0.721	0.050	-6.0408	25.0
2-Nitrophenol	0.187	0.182	0.050	-2.6444	25.0
2,4-Dimethylphenol	0.351	0.352	0.050	0.3026	25.0
Bis(2-Chloroethoxy)methane	0.472	0.475	0.050	0.7263	20.0
2,4-Dichlorophenol	0.347	0.348	0.060	0.2968	20.0
Naphthalene	1.061	1.087	0.200	2.4546	20.0
4-Chloroaniline	0.437	0.412	0.010	-5.6118	40.0
Hexachlorobutadiene	0.247	0.270	0.040	9.2964	30.0
Caprolactam	0.103	0.082	0.010	-20.2522	40.0
4-Chloro-3-methylphenol	0.324	0.300	0.040	-7.3073	25.0
1-Methylnaphthalene	0.756	0.742	0.100	-1.8787	20.0
2-Methylnaphthalene	0.760	0.749	0.100	-1.4328	20.0
Hexachlorocyclopentadiene	0.415	0.424	0.010	2.1799	40.0
2,4,6-Trichlorophenol	0.426	0.429	0.090	0.8209	25.0
2,4,5-Trichlorophenol	0.456	0.458	0.100	0.2511	25.0
1,1-Biphenyl	1.464	1.527	0.200	4.3071	20.0
2-Chloronaphthalene	1.171	1.259	0.300	7.5236	20.0
2-Nitroaniline	0.309	0.308	0.050	-0.387	40.0
Dimethylphthalate	1.473	1.457	0.300	-1.064	20.0
2,6-Dinitrotoluene	0.275	0.264	0.080	-3.8101	30.0
Acenaphthylene	1.742	1.823	0.400	4.6309	20.0
3-Nitroaniline	0.270	0.234	0.010	-13.1825	40.0
Acenaphthene	1.245	1.315	0.200	5.6437	20.0
2,4-Dinitrophenol	0.172	0.118	0.010	-31.573	40.0
4-Nitrophenol	0.182	0.146	0.010	-19.7238	40.0
Dibenzofuran	1.768	1.879	0.300	6.3011	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/21/2025 1:16:26

Lab File ID: BM049367.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020067 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.408	0.389	0.070	-4.4773	30.0
Diethylphthalate	1.435	1.415	0.300	-1.3841	20.0
Fluorene	1.444	1.599	0.200	10.7486	20.0
4-Chlorophenyl-phenylether	0.787	0.865	0.100	9.953	20.0
4-Nitroaniline	0.243	0.226	0.010	-6.6172	40.0
4,6-Dinitro-2-methylphenol	0.139	0.123	0.010	-11.4387	40.0
N-Nitrosodiphenylamine	0.593	0.618	0.050	4.177	20.0
1,2,4,5-Tetrachlorobenzene	0.692	0.748	0.100	8.0105	20.0
4-Bromophenyl-phenylether	0.227	0.232	0.070	2.0775	20.0
Hexachlorobenzene	0.264	0.267	0.050	0.9024	25.0
Atrazine	0.243	0.232	0.010	-4.2402	25.0
Pentachlorophenol	0.175	0.147	0.010	-16.2522	40.0
Phenanthrene	1.112	1.165	0.200	4.7987	20.0
Pentachlorobenzene	0.334	0.361	0.050	8.3286	20.0
Anthracene	1.116	1.187	0.200	6.3738	20.0
1,2,3,4-Tetrachlorobenzene	0.334	0.366	0.050	9.5377	20.0
Carbazole	0.990	0.975	0.050	-1.5186	40.0
Di-n-butylphthalate	1.213	1.165	0.500	-4.0101	25.0
Fluoranthene	1.399	1.397	0.400	-0.0936	25.0
Pyrene	1.489	1.532	0.400	2.9026	25.0
Butylbenzylphthalate	0.527	0.474	0.100	-10.0829	40.0
3,3-Dichlorobenzidine	0.375	0.317	0.010	-15.2622	40.0
Benzo (a) anthracene	1.394	1.426	0.300	2.2996	30.0
Chrysene	1.272	1.318	0.200	3.6039	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.719	0.200	-8.3003	40.0
Di-n-octyl phthalate	1.457	1.136	0.010	-22.0491	40.0
Benzo (b) fluoranthene	1.339	1.319	0.200	-1.4919	25.0
Benzo (k) fluoranthene	1.335	1.356	0.200	1.6199	25.0
Benzo (a) pyrene	1.209	1.237	0.200	2.3403	20.0
Indeno (1,2,3-cd) pyrene	1.387	1.486	0.200	7.1671	25.0
Dibenzo (a,h) anthracene	1.130	1.215	0.200	7.5255	30.0
Benzo (g,h,i) perylene	1.035	1.146	0.200	10.7039	30.0
2,3,4,6-Tetrachlorophenol	0.386	0.379	0.040	-1.7634	20.0
1,4-Dioxane-d8	0.483	0.542	0.010	12.0539	25.0
Pyridine-d5	1.539	1.598	0.010	3.8207	40.0
Phenol-d5	1.679	1.602	0.010	-4.5821	25.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.161	0.050	3.8487	25.0
2-Chlorophenol-d4	1.284	1.290	0.200	0.4682	20.0
4-Methylphenol-d8	1.302	1.182	0.010	-9.195	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/21/2025 1:16:26

Lab File ID: BM049367.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020067 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.153	0.050	0.4613	20.0
2-Nitrophenol-d4	0.170	0.159	0.050	-6.8905	30.0
2,4-Dichlorophenol-d3	0.348	0.343	0.060	-1.3003	20.0
4-Chloroaniline-d4	0.458	0.421	0.010	-8.0004	40.0
Dimethylphthalate-d6	1.489	1.465	0.300	-1.5733	20.0
Acenaphthylene-d8	1.699	1.768	0.400	4.0607	20.0
4-Nitrophenol-d4	0.247	0.197	0.010	-20.265	40.0
Fluorene-d10	1.286	1.352	0.100	5.1597	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.108	0.010	-15.5341	40.0
Anthracene-d10	0.989	1.042	0.300	5.4155	20.0
Pyrene-d10	1.217	1.221	0.300	0.3132	25.0
Benzo(a)pyrene-d12	1.074	1.079	0.010	0.5185	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:00:52

Lab File ID: BM049379.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020068 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.530	0.554	0.010	4.5443	50.0
Benzaldehyde	0.905	1.063	0.010	17.3891	50.0
Pyridine	1.556	1.610	0.010	3.5037	50.0
Phenol	1.746	1.696	0.080	-2.8142	50.0
Bis(2-Chloroethyl)ether	1.421	1.427	0.100	0.3754	50.0
2-Chlorophenol	1.335	1.343	0.200	0.6039	50.0
2-Methylphenol	1.275	1.221	0.010	-4.2601	50.0
2,2-oxybis(1-Chloropropane)	2.130	2.321	0.010	8.9609	50.0
Acetophenone	2.126	2.148	0.060	1.0221	50.0
4-Methylphenol	1.397	1.333	0.010	-4.5823	50.0
N-Nitroso-di-n-propylamine	1.148	1.164	0.050	1.3381	50.0
Hexachloroethane	0.574	0.589	0.100	2.651	50.0
Nitrobenzene	0.395	0.418	0.050	5.7629	50.0
Isophorone	0.768	0.754	0.050	-1.8528	50.0
2-Nitrophenol	0.187	0.188	0.050	0.4063	50.0
2,4-Dimethylphenol	0.351	0.357	0.050	1.7349	50.0
Bis(2-Chloroethoxy)methane	0.472	0.480	0.050	1.6379	50.0
2,4-Dichlorophenol	0.347	0.353	0.060	1.8238	50.0
Naphthalene	1.061	1.090	0.200	2.712	50.0
4-Chloroaniline	0.437	0.412	0.010	-5.6073	50.0
Hexachlorobutadiene	0.247	0.261	0.040	5.4377	50.0
Caprolactam	0.103	0.086	0.010	-17.0069	50.0
4-Chloro-3-methylphenol	0.324	0.314	0.040	-3.2397	50.0
1-Methylnaphthalene	0.756	0.753	0.100	-0.3767	50.0
2-Methylnaphthalene	0.760	0.760	0.100	0.0016	50.0
Hexachlorocyclopentadiene	0.415	0.420	0.010	1.03	50.0
2,4,6-Trichlorophenol	0.426	0.437	0.090	2.697	50.0
2,4,5-Trichlorophenol	0.456	0.472	0.100	3.4374	50.0
1,1-Biphenyl	1.464	1.582	0.200	8.0379	50.0
2-Chloronaphthalene	1.171	1.254	0.300	7.1168	50.0
2-Nitroaniline	0.309	0.322	0.050	4.3276	50.0
Dimethylphthalate	1.473	1.498	0.300	1.7389	50.0
2,6-Dinitrotoluene	0.275	0.275	0.080	0.1315	50.0
Acenaphthylene	1.742	1.816	0.400	4.2138	50.0
3-Nitroaniline	0.270	0.242	0.010	-10.268	50.0
Acenaphthene	1.245	1.307	0.200	4.9819	50.0
2,4-Dinitrophenol	0.172	0.116	0.010	-32.3759	50.0
4-Nitrophenol	0.182	0.154	0.010	-15.1062	50.0
Dibenzofuran	1.768	1.829	0.300	3.4477	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:00:52

Lab File ID: BM049379.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020068 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.408	0.398	0.070	-2.4603	50.0
Diethylphthalate	1.435	1.420	0.300	-1.0435	50.0
Fluorene	1.444	1.509	0.200	4.4734	50.0
4-Chlorophenyl-phenylether	0.787	0.809	0.100	2.8414	50.0
4-Nitroaniline	0.243	0.213	0.010	-11.9864	50.0
4,6-Dinitro-2-methylphenol	0.139	0.127	0.010	-8.5624	50.0
N-Nitrosodiphenylamine	0.593	0.654	0.050	10.1805	50.0
1,2,4,5-Tetrachlorobenzene	0.692	0.744	0.100	7.4436	50.0
4-Bromophenyl-phenylether	0.227	0.239	0.070	5.179	50.0
Hexachlorobenzene	0.264	0.270	0.050	2.181	50.0
Atrazine	0.243	0.239	0.010	-1.3799	50.0
Pentachlorophenol	0.175	0.150	0.010	-14.2438	50.0
Phenanthrene	1.112	1.164	0.200	4.7238	50.0
Pentachlorobenzene	0.334	0.377	0.050	12.9413	50.0
Anthracene	1.116	1.177	0.200	5.5033	50.0
1,2,3,4-Tetrachlorobenzene	0.334	0.397	0.050	18.7537	50.0
Carbazole	0.990	0.969	0.050	-2.1731	50.0
Di-n-butylphthalate	1.213	1.157	0.500	-4.6067	50.0
Fluoranthene	1.399	1.492	0.400	6.6504	50.0
Pyrene	1.489	1.597	0.400	7.2712	50.0
Butylbenzylphthalate	0.527	0.501	0.100	-4.9021	50.0
3,3-Dichlorobenzidine	0.375	0.321	0.010	-14.3457	50.0
Benzo (a) anthracene	1.394	1.419	0.300	1.8123	50.0
Chrysene	1.272	1.324	0.200	4.0656	50.0
Bis (2-ethylhexyl) phthalate	0.784	0.731	0.200	-6.6882	50.0
Di-n-octyl phthalate	1.457	1.181	0.010	-18.9186	50.0
Benzo (b) fluoranthene	1.339	1.333	0.200	-0.3865	50.0
Benzo (k) fluoranthene	1.335	1.404	0.200	5.1782	50.0
Benzo (a) pyrene	1.209	1.245	0.200	2.9416	50.0
Indeno (1,2,3-cd) pyrene	1.387	1.503	0.200	8.3919	50.0
Dibenzo (a,h) anthracene	1.130	1.221	0.200	8.1219	50.0
Benzo (g,h,i) perylene	1.035	1.151	0.200	11.1703	50.0
2,3,4,6-Tetrachlorophenol	0.386	0.365	0.040	-5.3744	50.0
1,4-Dioxane-d8	0.483	0.503	0.010	4.1283	50.0
Pyridine-d5	1.539	1.571	0.010	2.0638	50.0
Phenol-d5	1.679	1.623	0.010	-3.3073	50.0
Bis- (2-Chloroethyl) ether-d8	1.118	1.176	0.050	5.1918	50.0
2-Chlorophenol-d4	1.284	1.293	0.200	0.6603	50.0
4-Methylphenol-d8	1.302	1.230	0.010	-5.5514	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG No.: BM012225

Instrument ID: BNA_M Calibration Date/Time: 1/22/2025 1:00:52

Lab File ID: BM049379.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020068 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.155	0.050	1.6595	50.0
2-Nitrophenol-d4	0.170	0.166	0.050	-2.9129	50.0
2,4-Dichlorophenol-d3	0.348	0.348	0.060	0.108	50.0
4-Chloroaniline-d4	0.458	0.428	0.010	-6.5364	50.0
Dimethylphthalate-d6	1.489	1.504	0.300	1.0647	50.0
Acenaphthylene-d8	1.699	1.766	0.400	3.9306	50.0
4-Nitrophenol-d4	0.247	0.197	0.010	-19.9481	50.0
Fluorene-d10	1.286	1.299	0.100	1.0533	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.113	0.010	-11.5461	50.0
Anthracene-d10	0.989	1.029	0.300	4.1014	50.0
Pyrene-d10	1.217	1.279	0.300	5.0569	50.0
Benzo(a)pyrene-d12	1.074	1.084	0.010	0.9462	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.113		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	27.816		20-120		70	SPK: -40
4165-62-2	Phenol-d5	27.584		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.663		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.071		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.029		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	30.428		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.486		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.598		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.773		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.376		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.446		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.107		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	32.006		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BM012225
Lab Sample ID:	PB166157BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049368.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.424		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	33.209		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	37.09		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.763		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214994	7.522				
1146-65-2	Naphthalene-d8	780126	10.281				
15067-26-2	Acenaphthene-d10	481170	14.157				
1517-22-2	Phenanthrene-d10	913911	16.909				
1719-03-5	Chrysene-d12	727646	21.145				
1520-96-3	Perylene-d12	731320	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.904		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	32.037		20-120		80	SPK: -40
4165-62-2	Phenol-d5	29.185		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.832		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.791		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	27.149		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.654		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.705		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.629		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.514		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.548		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	32.486		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.866		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	32.373		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK156	SDG No.:	BM012225
Lab Sample ID:	PB166156BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049369.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.159		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	33.222		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	34.729		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.059		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168732	7.522				
1146-65-2	Naphthalene-d8	589973	10.281				
15067-26-2	Acenaphthene-d10	343327	14.163				
1517-22-2	Phenanthrene-d10	661412	16.91				
1719-03-5	Chrysene-d12	580212	21.139				
1520-96-3	Perylene-d12	633377	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.5	86	ug/Kg
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	45	U	45	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.7	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	420	ug/Kg
98-86-2	Acetophenone	49	U	49	110	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.7	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	54.7	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.7	220	ug/Kg
78-59-1	Isophorone	44	U	44	54.7	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.7	220	ug/Kg
91-20-3	Naphthalene	44	U	44	54.7	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	54.7	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	54.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	54.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.7	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	54.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	54.7	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.7	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.7	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.7	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	53	U	53	54.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	420	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	54.7	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.7	220	ug/Kg
86-73-7	Fluorene	58	U	58	54.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.7	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	54.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	54.7	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.7	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	57	U	57	54.7	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.7	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.7	220	ug/Kg
86-74-8	Carbazole	58	U	58	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.7	220	ug/Kg
206-44-0	Fluoranthene	57	U	57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	54.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.7	220	ug/Kg
218-01-9	Chrysene	58	U	58	54.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	54.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	54.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	54.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	54.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	54.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	54.7	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.716		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	20.173		20-120		50	SPK: -40
4165-62-2	Phenol-d5	20.487		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.248		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.695		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.164		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.912		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.911		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.666		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.833		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.648		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.91		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.93		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	22.603		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1131-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049370.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.578		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	22.468		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.274		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.87		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156710	7.522				
1146-65-2	Naphthalene-d8	552457	10.281				
15067-26-2	Acenaphthene-d10	324607	14.157				
1517-22-2	Phenanthrene-d10	633497	16.91				
1719-03-5	Chrysene-d12	581884	21.139				
1520-96-3	Perylene-d12	655202	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.533	
000057-10-3	n-Hexadecanoic acid	130	J			17.833	
000123-79-5	Hexanedioic acid, dioctyl ester	170	J			20.357	
	(DEL) Alkane: Cyclic	95	J			20.862	
000541-01-5	Heptasiloxane, hexadecamethyl-	1100	J			24.586	
E966796	Total Alkanes	95				99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9	U	4.9	5	20	ug/L
100-52-7	Benzaldehyde	25	U	25	50	100	ug/L
110-86-1	Pyridine	14	U	14	100	100	ug/L
108-95-2	Phenol	14	U	14	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	13	U	13	25	50	ug/L
95-48-7	2-Methylphenol	14	U	14	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	14	U	14	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	16	U	16	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	15	U	15	25	50	ug/L
91-20-3	Naphthalene	13	U	13	25	50	ug/L
106-47-8	4-Chloroaniline	14	U	14	25	100	ug/L
87-68-3	Hexachlorobutadiene	12	U	12	25	50	ug/L
105-60-2	Caprolactam	45	U	45	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	13	U	13	25	50	ug/L
91-57-6	2-Methylnaphthalene	14	U	14	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	33	U	33	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15	U	15	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15	U	15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	17	U	17	25	50	ug/L
91-58-7	2-Chloronaphthalene	16	U	16	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L
131-11-3	Dimethylphthalate	15	U	15	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	11	U	11	25	50	ug/L
208-96-8	Acenaphthylene	15	U	15	25	50	ug/L
99-09-2	3-Nitroaniline	8.4	U	8.4	50	100	ug/L
83-32-9	Acenaphthene	15	U	15	25	50	ug/L
51-28-5	2,4-Dinitrophenol	59	U	59	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	15	U	15	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	15	U	15	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	16	U	16	25	50	ug/L
100-01-6	4-Nitroaniline	13	U	13	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.4	U	9.4	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	16	U	16	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	15	U	15	25	50	ug/L
118-74-1	Hexachlorobenzene	16	U	16	25	50	ug/L
1912-24-9	Atrazine	16	U	16	50	100	ug/L
87-86-5	Pentachlorophenol	36	U	36	50	100	ug/L
85-01-8	Phenanthrene	16	U	16	25	50	ug/L
608-93-5	Pentachlorobenzene	15	U	15	25	50	ug/L
120-12-7	Anthracene	14	U	14	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	25	50	ug/L
86-74-8	Carbazole	16	U	16	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	11	U	11	50	100	ug/L
56-55-3	Benzo(a)anthracene	14	U	14	25	50	ug/L
218-01-9	Chrysene	15	U	15	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18	U	18	25	50	ug/L
117-84-0	Di-n-octyl phthalate	14	U	14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	17	U	17	25	50	ug/L
50-32-8	Benzo(a)pyrene	15	U	15	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	14	U	14	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	33.88		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	122.78		20-120		30	SPK: -40
4165-62-2	Phenol-d5	83.33		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	366.94		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	303.21		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	186.57		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	363.98		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	336.73		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	312.17		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	267.93		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	371.74		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	379		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.79	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	396.3		25-125		99	SPK: -40

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	JNLA7	SDG No.:	BM012225
Lab Sample ID:	Q1130-01	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049371.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	246.63		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	406.2		25-130		101	SPK: -40
1718-52-1	Pyrene-d10	451.3		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	392.38		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200388	7.522				
1146-65-2	Naphthalene-d8	733027	10.281				
15067-26-2	Acenaphthene-d10	444173	14.157				
1517-22-2	Phenanthrene-d10	847939	16.91				
1719-03-5	Chrysene-d12	671175	21.139				
1520-96-3	Perylene-d12	713759	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	44	J			4.681	
000556-71-8	Cyclononasiloxane, octadecamethyl-	670	J			23.509	
000541-01-5	Heptasiloxane, hexadecamethyl-	1100	J			29.68	
E966796	Total Alkanes	17	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.924		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	6.177	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.776		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.014		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.316		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	18.852		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	36.402		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.06		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.188		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.239		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.898		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	38.117		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.612	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	41.236		25-125		103	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ8	SDG No.:	BM012225
Lab Sample ID:	Q1139-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049372.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.503		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	44.581		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	47.197		15-130		118	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.203		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182103	7.522				
1146-65-2	Naphthalene-d8	679675	10.281				
15067-26-2	Acenaphthene-d10	437346	14.163				
1517-22-2	Phenanthrene-d10	890929	16.91				
1719-03-5	Chrysene-d12	805854	21.139				
1520-96-3	Perylene-d12	876184	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
000059-50-7	Phenol, 4-chloro-3-methyl-	3.8	J			11.586	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.3	J			17.598	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.601		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	6.334	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	6.547		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.567		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.509		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	15.647		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	31.947		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.86		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.864		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.934		1-146		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.608		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	33.118		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.689	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	36.056		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DCZJ9	SDG No.:	BM012225
Lab Sample ID:	Q1139-22	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049373.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.668		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	39.139		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	42.302		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.524		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177171	7.522				
1146-65-2	Naphthalene-d8	625046	10.281				
15067-26-2	Acenaphthene-d10	364321	14.163				
1517-22-2	Phenanthrene-d10	697646	16.91				
1719-03-5	Chrysene-d12	596924	21.139				
1520-96-3	Perylene-d12	656492	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.3	J			17.598	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	720		75	82.5	330	ug/Kg
110-86-1	Pyridine	980		43	170	330	ug/Kg
108-95-2	Phenol	980		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	980		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	930		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		27	82.5	330	ug/Kg
98-86-2	Acetophenone	990		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	940		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		36	42.5	170	ug/Kg
78-59-1	Isophorone	970		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	980		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	820		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	750		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		34	42.5	170	ug/Kg
105-60-2	Caprolactam	860		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	800		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	910		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	960		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	790		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	950		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		60	42.5	170	ug/Kg
86-73-7	Fluorene	1100		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		50	42.5	170	ug/Kg
1912-24-9	Atrazine	310	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	740		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	950		51	42.5	170	ug/Kg
120-12-7	Anthracene	1100		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		33	42.5	170	ug/Kg
86-74-8	Carbazole	1100		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		39	42.5	170	ug/Kg
218-01-9	Chrysene	1100		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	960		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.399		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	29.378		20-120		73	SPK: -40
4165-62-2	Phenol-d5	29.919		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.967		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.632		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.674		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.749		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.577		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.322		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.552		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.071		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.875		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.724		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.489		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS157	SDG No.:	BM012225
Lab Sample ID:	PB166157BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049374.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.803		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	32.708		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	32.11		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.355		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217104	7.522				
1146-65-2	Naphthalene-d8	844130	10.28				
15067-26-2	Acenaphthene-d10	593710	14.163				
1517-22-2	Phenanthrene-d10	1217543	16.909				
1719-03-5	Chrysene-d12	1169996	21.144				
1520-96-3	Perylene-d12	1051564	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	3.2	J	2.5	5	10	ug/L
110-86-1	Pyridine	27		1.4	10	10	ug/L
108-95-2	Phenol	29		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.4	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	28		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	26		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	27		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.5	2.5	5	ug/L
91-20-3	Naphthalene	27		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	14		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.2	2.5	5	ug/L
105-60-2	Caprolactam	22		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	29		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	28		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	24		0.84	5	10	ug/L
83-32-9	Acenaphthene	28		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	21		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	24		1.5	5	10	ug/L
132-64-9	Dibenzofuran	28		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.5	2.5	5	ug/L
86-73-7	Fluorene	28		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	26		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	25		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		1.6	2.5	5	ug/L
1912-24-9	Atrazine	24		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	24		3.6	5	10	ug/L
85-01-8	Phenanthrene	28		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.5	2.5	5	ug/L
120-12-7	Anthracene	28		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.2	2.5	5	ug/L
86-74-8	Carbazole	26		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	26		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.4	2.5	5	ug/L
218-01-9	Chrysene	28		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.076		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	26.836		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.802		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.569		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.455		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.761		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	26.459		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.267		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.027		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.845		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.443		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.894		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.806		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.518		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS156	SDG No.:	BM012225
Lab Sample ID:	PB166156BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049375.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.255		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	28.094		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	27.435		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.847		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	267141	7.522				
1146-65-2	Naphthalene-d8	1054597	10.281				
15067-26-2	Acenaphthene-d10	697262	14.163				
1517-22-2	Phenanthrene-d10	1316547	16.91				
1719-03-5	Chrysene-d12	1139356	21.145				
1520-96-3	Perylene-d12	984052	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14		0.49	0.5	2	ug/L
110-86-1	Pyridine	36		1.4	10	10	ug/L
100-52-7	Benzaldehyde	4	J	2.5	5	10	ug/L
108-95-2	Phenol	36		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	34		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	36		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	34		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36		1.4	5	10	ug/L
98-86-2	Acetophenone	33		1.5	5	10	ug/L
106-44-5	4-Methylphenol	33		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	35		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	36		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	36		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.5	2.5	5	ug/L
91-20-3	Naphthalene	35		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.2	2.5	5	ug/L
105-60-2	Caprolactam	26		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	34		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	33		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	37		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	36		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		0.84	5	10	ug/L
83-32-9	Acenaphthene	36		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.5	5	10	ug/L
132-64-9	Dibenzofuran	36		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.5	2.5	5	ug/L
86-73-7	Fluorene	36		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	34		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	37		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	37		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	35		1.6	2.5	5	ug/L
1912-24-9	Atrazine	30		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	31		3.6	5	10	ug/L
85-01-8	Phenanthrene	36		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	36		1.5	2.5	5	ug/L
120-12-7	Anthracene	37		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	38		1.2	2.5	5	ug/L
86-74-8	Carbazole	35		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.4	2.5	5	ug/L
218-01-9	Chrysene	37		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	31		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	40		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.245		15-120		91	SPK: -8
7291-22-7	Pyridine-d5	35.61		20-120		89	SPK: -40
4165-62-2	Phenol-d5	35.427		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.766		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.953		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	33.341		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	34.374		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.759		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.988		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.48		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.005		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	36.201		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.206		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	35.758		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLCS161	SDG No.:	BM012225
Lab Sample ID:	PB166161BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049376.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.11		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	36.816		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	35.143		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.388		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167141	7.522				
1146-65-2	Naphthalene-d8	627488	10.281				
15067-26-2	Acenaphthene-d10	393895	14.157				
1517-22-2	Phenanthrene-d10	748638	16.91				
1719-03-5	Chrysene-d12	695917	21.139				
1520-96-3	Perylene-d12	695927	23.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9	U	4.9	5	20	ug/L
100-52-7	Benzaldehyde	25	U	25	50	100	ug/L
110-86-1	Pyridine	14	U	14	100	100	ug/L
108-95-2	Phenol	14	U	14	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	13	U	13	25	50	ug/L
95-48-7	2-Methylphenol	14	U	14	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	14	U	14	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	16	U	16	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	15	U	15	25	50	ug/L
91-20-3	Naphthalene	13	U	13	25	50	ug/L
106-47-8	4-Chloroaniline	14	U	14	25	100	ug/L
87-68-3	Hexachlorobutadiene	12	U	12	25	50	ug/L
105-60-2	Caprolactam	45	U	45	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	13	U	13	25	50	ug/L
91-57-6	2-Methylnaphthalene	14	U	14	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	33	U	33	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15	U	15	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15	U	15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	17	U	17	25	50	ug/L
91-58-7	2-Chloronaphthalene	16	U	16	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L
131-11-3	Dimethylphthalate	15	U	15	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	11	U	11	25	50	ug/L
208-96-8	Acenaphthylene	15	U	15	25	50	ug/L
99-09-2	3-Nitroaniline	8.4	U	8.4	50	100	ug/L
83-32-9	Acenaphthene	15	U	15	25	50	ug/L
51-28-5	2,4-Dinitrophenol	59	U	59	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	15	U	15	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	15	U	15	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	16	U	16	25	50	ug/L
100-01-6	4-Nitroaniline	13	U	13	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.4	U	9.4	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	16	U	16	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	15	U	15	25	50	ug/L
118-74-1	Hexachlorobenzene	16	U	16	25	50	ug/L
1912-24-9	Atrazine	16	U	16	50	100	ug/L
87-86-5	Pentachlorophenol	36	U	36	50	100	ug/L
85-01-8	Phenanthrene	16	U	16	25	50	ug/L
608-93-5	Pentachlorobenzene	15	U	15	25	50	ug/L
120-12-7	Anthracene	14	U	14	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	25	50	ug/L
86-74-8	Carbazole	16	U	16	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	11	U	11	50	100	ug/L
56-55-3	Benzo(a)anthracene	14	U	14	25	50	ug/L
218-01-9	Chrysene	15	U	15	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18	U	18	25	50	ug/L
117-84-0	Di-n-octyl phthalate	14	U	14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	17	U	17	25	50	ug/L
50-32-8	Benzo(a)pyrene	15	U	15	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	14	U	14	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	14	U	14	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	67.63		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	314.98		20-120		78	SPK: -40
4165-62-2	Phenol-d5	298.38		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	304.74		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	316.87		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	284.74		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	304.59		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	295.32		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	285.15		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	255.67		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	311.71		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	318.47		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	146.77		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	315.17		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SLEB133	SDG No.:	BM012225
Lab Sample ID:	PB166133TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049377.D	10	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	183.96		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	326.83		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	362.43		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	325.17		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232277	7.522				
1146-65-2	Naphthalene-d8	826165	10.281				
15067-26-2	Acenaphthene-d10	487217	14.157				
1517-22-2	Phenanthrene-d10	895557	16.91				
1719-03-5	Chrysene-d12	708842	21.139				
1520-96-3	Perylene-d12	741287	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	17	U			99	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.466		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	30.949		20-120		77	SPK: -40
4165-62-2	Phenol-d5	29.414		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.518		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.681		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	27.374		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.703		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.808		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.602		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.284		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.034		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.769		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.972		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	31.381		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	1/21/2025 12:00:00 AM
Project:		Date Received:	1/21/2025 12:00:00 AM
Client Sample ID:	SBLK161	SDG No.:	BM012225
Lab Sample ID:	PB166161BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049378.D	1	1/21/2025 12:00:00 AM	1/21/2025 12:00:00 AM	PB166161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.936		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	31.682		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	34.919		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.467		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196971	7.522				
1146-65-2	Naphthalene-d8	707039	10.281				
15067-26-2	Acenaphthene-d10	420811	14.157				
1517-22-2	Phenanthrene-d10	798789	16.91				
1719-03-5	Chrysene-d12	644981	21.139				
1520-96-3	Perylene-d12	678543	23.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM012225

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : SLEB133								
PB166133TB	SLEB133	water	Total Alkanes	*	0.000	D 17	50	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : JNLA7								
Q1130-01	JNLA7	water	Cyclononasiloxane, octadecameth	*	670.000	J		
Q1130-01	JNLA7	water	Heptasiloxane, hexadecamethyl-	*	1,100.000	J		
Q1130-01	JNLA7	water	Isopropyl butyrate	*	44.000	J		
Q1130-01	JNLA7	water	Total Alkanes	*	0.000	D 17	50	ug/L
			Total Tics :			1,814.00		
			Total Concentration:			1,814.00		
Client ID : JNLA7								
Q1131-01	JNLA7	Solid	(DEL) Alkane: Cyclic20.862	*	95.000	J		
Q1131-01	JNLA7	Solid	Benzophenone	*	360.000	J		
Q1131-01	JNLA7	Solid	Heptasiloxane, hexadecamethyl-	*	1,100.000	J		
Q1131-01	JNLA7	Solid	Hexanedioic acid, dioctyl ester	*	170.000	J		
Q1131-01	JNLA7	Solid	n-Hexadecanoic acid	*	130.000	J		
Q1131-01	JNLA7	Solid	Total Alkanes	*	95.000	62	220	ug/Kg
			Total Tics :			1,950.00		
			Total Concentration:			1,950.00		
Client ID : DCZJ8								
Q1139-21	DCZJ8	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.300	J		
Q1139-21	DCZJ8	Water	Phenol, 4-chloro-3-methyl-	*	3.800	J		
Q1139-21	DCZJ8	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
			Total Tics :			7.10		
			Total Concentration:			7.10		
Client ID : DCZJ9								
Q1139-22	DCZJ9	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.300	J		
Q1139-22	DCZJ9	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			5.30		
			Total Concentration:			5.30		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM011325 SAS No.: BM011325 SDG No.: BM011325
Instrument ID: _____ Calibration Date(s): 1/13/2025 : _____
Calibration Time(s): 13:05 _____

LAB FILE ID:		RRFAL1 = BM049335.D		RRFAL2 = BM049336.D		RRFAL3 = BM049337.D		
		RRFAL4 = BM049338.D		RRFAL5 = BM049339.D		RRFAL6 = BM049340.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.562	0.516	0.589	0.492	0.488		0.530	8.4
Benzaldehyde		1.041	1.248	0.978	0.728	0.531	0.905	30.9
Pyridine		1.416	1.745	1.540	1.526	1.552	1.556	7.6
Hexachloroethane	0.530	0.530	0.649	0.584	0.576		0.574	8.6
Nitrobenzene	0.358	0.367	0.442	0.407	0.402		0.395	8.6
Isophorone	0.682	0.706	0.866	0.804	0.781		0.768	9.7
2-Nitrophenol	0.155	0.165	0.211	0.200	0.206		0.187	13.7
2,4-Dimethylphenol	0.315	0.322	0.393	0.364	0.360		0.351	9.1
Bis(2-Chloroethoxy)methane	0.425	0.442	0.529	0.487	0.477		0.472	8.6
2,4-Dichlorophenol	0.299	0.320	0.391	0.364	0.360		0.347	10.6
Naphthalene	0.976	0.978	1.178	1.096	1.080		1.061	8.1
4-Chloroaniline		0.381	0.477	0.452	0.441	0.431	0.437	8.1
Hexachlorobutadiene	0.231	0.236	0.277	0.247	0.246		0.247	7.3
Phenol		1.549	1.904	1.747	1.772	1.755	1.746	7.3
Caprolactam		0.091	0.118	0.108	0.100	0.099	0.103	9.9
4-Chloro-3-methylphenol	0.269	0.287	0.374	0.351	0.339		0.324	13.6
1-Methylnaphthalene	0.674	0.701	0.853	0.790	0.762		0.756	9.4
2-Methylnaphthalene	0.679	0.698	0.852	0.795	0.773		0.760	9.4
Hexachlorocyclopentadiene		0.333	0.412	0.414	0.444	0.474	0.415	12.7
2,4,6-Trichlorophenol	0.352	0.381	0.474	0.457	0.466		0.426	13.0
2,4,5-Trichlorophenol	0.370	0.414	0.509	0.494	0.496		0.456	13.5
1,1-Biphenyl	1.317	1.341	1.626	1.534	1.503		1.464	9.0
2-Chloronaphthalene	1.071	1.074	1.295	1.219	1.196		1.171	8.3
2-Nitroaniline	0.239	0.272	0.353	0.342	0.339		0.309	16.3
Bis(2-Chloroethyl)ether		1.307	1.591	1.416	1.408	1.385	1.421	7.3
Dimethylphthalate	1.380	1.395	1.654	1.506	1.428		1.473	7.6
2,6-Dinitrotoluene	0.210	0.239	0.317	0.306	0.301		0.275	17.2
Acenaphthylene	1.568	1.598	1.948	1.826	1.771		1.742	9.1
3-Nitroaniline		0.226	0.304	0.289	0.264	0.264	0.270	11.0
Acenaphthene	1.125	1.155	1.394	1.299	1.251		1.245	8.8
2,4-Dinitrophenol		0.113	0.167	0.180	0.189	0.211	0.172	21.4
4-Nitrophenol		0.151	0.199	0.190	0.182	0.188	0.182	10.0
Dibenzofuran	1.655	1.678	1.992	1.811	1.702		1.768	7.9
2,4-Dinitrotoluene	0.328	0.371	0.479	0.443	0.417		0.408	14.6
Diethylphthalate	1.307	1.367	1.641	1.492	1.369		1.435	9.3
2-Chlorophenol	1.182	1.217	1.510	1.374	1.391		1.335	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM011325 SAS No.: BM011325 SDG No.: BM011325

Instrument ID: _____ Calibration Date(s): 1/13/2025 : _____

Calibration Time(s): 13:05 _____

LAB FILE ID:		RRFAL1 = BM049335.D		RRFAL2 = BM049336.D		RRFAL3 = BM049337.D		
		RRFAL4 = BM049338.D		RRFAL5 = BM049339.D		RRFAL6 = BM049340.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.308	1.389	1.687	1.501	1.337		1.444	10.7
4-Chlorophenyl-phenylether	0.719	0.754	0.890	0.816	0.756		0.787	8.5
4-Nitroaniline		0.220	0.307	0.266	0.216	0.203	0.243	17.7
4,6-Dinitro-2-methylphenol		0.108	0.145	0.143	0.147	0.153	0.139	12.7
N-Nitrosodiphenylamine	0.513	0.538	0.665	0.630	0.621		0.593	10.9
1,2,4,5-Tetrachlorobenzene	0.622	0.632	0.745	0.716	0.746		0.692	8.8
4-Bromophenyl-phenylether	0.188	0.203	0.249	0.243	0.254		0.227	13.1
Hexachlorobenzene	0.235	0.241	0.288	0.275	0.283		0.264	9.3
Atrazine		0.216	0.266	0.249	0.243	0.239	0.243	7.4
Pentachlorophenol		0.139	0.179	0.177	0.186	0.196	0.175	12.4
2-Methylphenol		1.089	1.395	1.299	1.311	1.282	1.275	8.8
Phenanthrene	0.993	1.024	1.245	1.160	1.136		1.112	9.3
Pentachlorobenzene	0.287	0.298	0.363	0.348	0.371		0.334	11.5
Anthracene	0.988	1.032	1.261	1.176	1.123		1.116	9.8
1,2,3,4-Tetrachlorobenzene	0.279	0.291	0.358	0.350	0.393		0.334	14.3
Carbazole		0.900	1.106	1.003	0.964	0.979	0.990	7.6
Di-n-butylphthalate	1.060	1.119	1.393	1.288	1.206		1.213	10.9
Fluoranthene	1.105	1.179	1.569	1.594	1.547		1.399	16.9
Pyrene	1.215	1.281	1.672	1.676	1.600		1.489	15.0
Butylbenzylphthalate	0.405	0.441	0.603	0.599	0.588		0.527	18.3
3,3-Dichlorobenzidine		0.326	0.423	0.392	0.373	0.359	0.375	9.7
2,2-oxybis (1-Chloropropane)		2.023	2.443	2.156	2.068	1.962	2.130	8.9
Benzo (a) anthracene	1.244	1.277	1.556	1.455	1.436		1.394	9.4
Chrysene	1.136	1.157	1.426	1.322	1.321		1.272	9.7
Bis (2-ethylhexyl) phthalate	0.613	0.680	0.900	0.881	0.846		0.784	16.5
Di-n-octyl phthalate		1.083	1.615	1.583	1.583	1.421	1.457	15.3
Benzo (b) fluoranthene	1.108	1.153	1.510	1.441	1.481		1.339	14.4
Benzo (k) fluoranthene	1.102	1.152	1.548	1.444	1.429		1.335	14.7
Benzo (a) pyrene	1.012	1.050	1.367	1.295	1.322		1.209	13.7
Indeno (1,2,3-cd) pyrene	1.171	1.182	1.480	1.479	1.623		1.387	14.5
Dibenzo (a,h) anthracene	0.947	0.958	1.212	1.208	1.324		1.130	14.9
Benzo (g,h,i) perylene	0.886	0.874	1.097	1.110	1.209		1.035	14.3
Acetophenone		1.953	2.429	2.250	2.096	1.904	2.126	10.2
2,3,4,6-Tetrachlorophenol	0.328	0.355	0.436	0.407	0.402		0.386	11.3
1,4-Dioxane-d8	0.465	0.469	0.551	0.472	0.459		0.483	7.9
Pyridine-d5		1.348	1.729	1.522	1.530	1.565	1.539	8.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM011325 SAS No.: BM011325 SDG No.: BM011325
Instrument ID: _____ Calibration Date(s): 1/13/2025 : _____
Calibration Time(s): 13:05 _____

LAB FILE ID:		RRFAL1 = BM049335.D			RRFAL2 = BM049336.D		RRFAL3 = BM049337.D	
		RRFAL4 = BM049338.D			RRFAL5 = BM049339.D		RRFAL6 = BM049340.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.439	1.824	1.686	1.719	1.726	1.679	8.6
Bis-(2-Chloroethyl)ether-d8		1.034	1.273	1.116	1.094	1.072	1.118	8.2
2-Chlorophenol-d4	1.111	1.146	1.463	1.335	1.366		1.284	11.7
4-Methylphenol-d8		1.111	1.434	1.339	1.335	1.290	1.302	9.1
Nitrobenzene-d5	0.129	0.138	0.171	0.161	0.164		0.153	11.8
2-Nitrophenol-d4	0.132	0.150	0.193	0.186	0.193		0.170	16.5
2,4-Dichlorophenol-d3	0.290	0.311	0.395	0.371	0.373		0.348	13.0
4-Chloroaniline-d4		0.401	0.499	0.472	0.463	0.454	0.458	7.9
4-Methylphenol		1.205	1.527	1.443	1.444	1.367	1.397	8.7
Dimethylphthalate-d6	1.363	1.408	1.681	1.530	1.460		1.489	8.3
Acenaphthylene-d8	1.466	1.552	1.916	1.811	1.753		1.699	11.0
4-Nitrophenol-d4		0.192	0.265	0.258	0.252	0.266	0.247	12.5
Fluorene-d10	1.154	1.219	1.462	1.332	1.263		1.286	9.2
4,6-Dinitro-2-methylphenol		0.094	0.130	0.131	0.138	0.144	0.127	15.3
Anthracene-d10	0.867	0.920	1.118	1.032	1.007		0.989	9.9
Pyrene-d10	0.962	1.040	1.367	1.366	1.350		1.217	16.4
Benzo(a)pyrene-d12	0.870	0.930	1.211	1.154	1.202		1.074	15.0
N-Nitroso-di-n-propylamine	1.005	1.061	1.348	1.221	1.108		1.148	11.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020008 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 17:05

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	256234	7.522	1.04857e+01	10.29	749587	14.16
UPPER LIMIT	512468	8.022	2097140	10.786	1499174	14.663
LOWER LIMIT	128117	7.022	524285	9.786	374793.5	13.663
EPA SAMPLE NO.						
01 SBLK157	214994	7.52	780126	10.28	481170	14.16
02 SBLK156	168732	7.52	589973	10.28	343327 *	14.16
03 JNLA7	156710	7.52	552457	10.28	324607 *	14.16
04 JNLA7	200388	7.52	733027	10.28	444173	14.16
05 DCZJ8	182103	7.52	679675	10.28	437346	14.16
06 DCZJ9	177171	7.52	625046	10.28	364321 *	14.16
07 SLCS157	217104	7.52	844130	10.28	593710	14.16
08 SLCS156	267141	7.52	1.0546e+	10.28	697262	14.16
09 SLCS161	167141	7.52	627488	10.28	393895	14.16
10 SLEB133	232277	7.52	826165	10.28	487217	14.16
11 SBLK161	196971	7.52	707039	10.28	420811	14.16

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020067 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049367.D Time Analyzed: 17:05

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	193898	7.522	725914	10.28	466050	14.16
UPPER LIMIT	387796	8.022	1451828	10.781	932100	14.663
LOWER LIMIT	96949	7.022	362957	9.781	233025	13.663
EPA SAMPLE NO.						
01 SBLK157	214994	7.52	780126	10.28	481170	14.16
02 SBLK156	168732	7.52	589973	10.28	343327	14.16
03 JNLA7	156710	7.52	552457	10.28	324607	14.16
04 JNLA7	200388	7.52	733027	10.28	444173	14.16
05 DCZJ8	182103	7.52	679675	10.28	437346	14.16
06 DCZJ9	177171	7.52	625046	10.28	364321	14.16
07 SLCS157	217104	7.52	844130	10.28	593710	14.16
08 SLCS156	267141	7.52	1.0546e+	10.28	697262	14.16
09 SLCS161	167141	7.52	627488	10.28	393895	14.16
10 SLEB133	232277	7.52	826165	10.28	487217	14.16
11 SBLK161	196971	7.52	707039	10.28	420811	14.16

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020008 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049337.D Time Analyzed: 17:05

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.54387e+01	16.915	1.43091e+01	21.145	1.19661e+01	23.933
UPPER LIMIT	3087740	17.415	2861820	21.645	2393220	24.433
LOWER LIMIT	771935	16.415	715455	20.645	598305	23.433
EPA SAMPLE NO.						
01 SBLK157	913911	16.91	727646	21.15	731320	23.92
02 SBLK156	661412 *	16.91	580212 *	21.14	633377	23.92
03 JNLA7	633497 *	16.91	581884 *	21.14	655202	23.92
04 JNLA7	847939	16.91	671175 *	21.14	713759	23.92
05 DCZJ8	890929	16.91	805854	21.14	876184	23.92
06 DCZJ9	697646 *	16.91	596924 *	21.14	656492	23.92
07 SLCS157	1.21754	16.91	1.17e+006	21.14	1.05156e+01	23.92
08 SLCS156	1.31655	16.91	1.13936e+01	21.15	984052	23.92
09 SLCS161	748638 *	16.91	695917 *	21.14	695927	23.92
10 SLEB133	895557	16.91	708842 *	21.14	741287	23.92
11 SBLK161	798789	16.91	644981 *	21.14	678543	23.92

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM012225 SAS No.: BM012225 SDG NO.: BM012225

EPA Sample No.: SSTD020067 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BM049367.D Time Analyzed: 17:05

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	921299	16.91	851099	21.145	806586	23.927
UPPER LIMIT	1842598	17.41	1702198	21.645	1613172	24.427
LOWER LIMIT	460649.5	16.41	425549.5	20.645	403293	23.427
EPA SAMPLE NO.						
01 SBLK157	913911	16.91	727646	21.15	731320	23.92
02 SBLK156	661412	16.91	580212	21.14	633377	23.92
03 JNLA7	633497	16.91	581884	21.14	655202	23.92
04 JNLA7	847939	16.91	671175	21.14	713759	23.92
05 DCZJ8	890929	16.91	805854	21.14	876184	23.92
06 DCZJ9	697646	16.91	596924	21.14	656492	23.92
07 SLCS157	1.21754	16.91	1.17e+006	21.14	1.05156e+	23.92
08 SLCS156	1.31655	16.91	1.13936e+	21.15	984052	23.92
09 SLCS161	748638	16.91	695917	21.14	695927	23.92
10 SLEB133	895557	16.91	708842	21.14	741287	23.92
11 SBLK161	798789	16.91	644981	21.14	678543	23.92

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166156BS	1,4-Dioxane	16	9.7	ug/L	61				0	0		
	Benzaldehyde	40	3.2	ug/L	8				0	0		
	Pyridine	40	27	ug/L	68				0	0		
	Phenol	40	29	ug/L	73				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	28	ug/L	70				0	0		
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0		
	Acetophenone	40	26	ug/L	65				0	0		
	4-Methylphenol	40	28	ug/L	70				0	0		
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0		
	Hexachloroethane	40	26	ug/L	65				0	0		
	Nitrobenzene	40	27	ug/L	68				0	0		
	Isophorone	40	26	ug/L	65				0	0		
	2-Nitrophenol	40	27	ug/L	68				0	0		
	2,4-Dimethylphenol	40	29	ug/L	73				0	0		
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0		
	2,4-Dichlorophenol	40	29	ug/L	73				0	0		
	Naphthalene	40	27	ug/L	68				0	0		
	4-Chloroaniline	40	14	ug/L	35				0	0		
	Hexachlorobutadiene	40	27	ug/L	68				0	0		
	Caprolactam	40	22	ug/L	55				0	0		
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0		
	1-Methylnaphthalene	40	27	ug/L	68				0	0		
	2-Methylnaphthalene	40	27	ug/L	68				0	0		
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0		
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0		
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	28	ug/L	70				0	0		
	2-Chloronaphthalene	40	28	ug/L	70				0	0		
	2-Nitroaniline	40	29	ug/L	73				0	0		
	Dimethylphthalate	40	27	ug/L	68				0	0		
	2,6-Dinitrotoluene	40	28	ug/L	70				0	0		
	Acenaphthylene	40	28	ug/L	70				0	0		
	3-Nitroaniline	40	24	ug/L	60				0	0		
	Acenaphthene	40	28	ug/L	70				0	0		
	2,4-Dinitrophenol	40	21	ug/L	52				0	0		
	4-Nitrophenol	40	24	ug/L	60				0	0		
	Dibenzofuran	40	28	ug/L	70				0	0		
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0		
	Diethylphthalate	40	27	ug/L	68				0	0		
	Fluorene	40	28	ug/L	70				0	0		
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0		
	4-Nitroaniline	40	26	ug/L	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166156BS	4,6-Dinitro-2-methylphenol	40	25	ug/L	63				0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0	
	Hexachlorobenzene	40	27	ug/L	68				0	0	
	Atrazine	40	24	ug/L	60				0	0	
	Pentachlorophenol	40	24	ug/L	60				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	27	ug/L	68				0	0	
	Anthracene	40	28	ug/L	70				0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	Carbazole	40	26	ug/L	65				0	0	
	Di-n-butylphthalate	40	27	ug/L	68				0	0	
	Fluoranthene	40	28	ug/L	70				0	0	
	Pyrene	40	28	ug/L	70				0	0	
	Butylbenzylphthalate	40	26	ug/L	65				0	0	
	3,3'-Dichlorobenzidine	40	24	ug/L	60				0	0	
	Benzo(a)anthracene	40	28	ug/L	70				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0	
	Di-n-octylphthalate	40	26	ug/L	65				0	0	
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(a)pyrene	40	29	ug/L	73				0	0	
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0	
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166157BS	1,4-Dioxane	530	390	ug/Kg	74				0	0		
	Benzaldehyde	1300	720	ug/Kg	55				0	0		
	Pyridine	1300	980	ug/Kg	75				0	0		
	Phenol	1300	980	ug/Kg	75				0	0		
	Bis(2-chloroethyl)ether	1300	980	ug/Kg	75				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	930	ug/Kg	72				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	990	ug/Kg	76				0	0		
	4-Methylphenol	1300	940	ug/Kg	72				0	0		
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	970	ug/Kg	75				0	0		
	2-Nitrophenol	1300	980	ug/Kg	75				0	0		
	2,4-Dimethylphenol	1300	820	ug/Kg	63				0	0		
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	750	ug/Kg	58				0	0		
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0		
	Caprolactam	1300	860	ug/Kg	66				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	800	ug/Kg	62				0	0		
	2,4,6-Trichlorophenol	1300	910	ug/Kg	70				0	0		
	2,4,5-Trichlorophenol	1300	960	ug/Kg	74				0	0		
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	960	ug/Kg	74				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	790	ug/Kg	61				0	0		
	4-Nitrophenol	1300	950	ug/Kg	73				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166157BS	4,6-Dinitro-2-methylphenol	1300	960	ug/Kg	74				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	310	ug/Kg	24				0	0		
	Pentachlorophenol	1300	740	ug/Kg	57				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	950	ug/Kg	73				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	990	ug/Kg	76				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	960	ug/Kg	74				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	870	ug/Kg	67				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB166161BS	1,4-Dioxane	16	14	ug/L	88				0	0	
	Benzaldehyde	40	4	ug/L	10				0	0	
	Pyridine	40	36	ug/L	90				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	34	ug/L	85				0	0	
	2-Chlorophenol	40	36	ug/L	90				0	0	
	2-Methylphenol	40	34	ug/L	85				0	0	
	2,2-oxybis(1-Chloropropane)	40	36	ug/L	90				0	0	
	Acetophenone	40	33	ug/L	83				0	0	
	4-Methylphenol	40	33	ug/L	83				0	0	
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0	
	Hexachloroethane	40	35	ug/L	88				0	0	
	Nitrobenzene	40	36	ug/L	90				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	36	ug/L	90				0	0	
	Naphthalene	40	35	ug/L	88				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	35	ug/L	88				0	0	
	Caprolactam	40	26	ug/L	65				0	0	
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0	
	1-Methylnaphthalene	40	34	ug/L	85				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	33	ug/L	83				0	0	
	2,4,6-Trichlorophenol	40	36	ug/L	90				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	37	ug/L	93				0	0	
	2-Chloronaphthalene	40	37	ug/L	93				0	0	
	2-Nitroaniline	40	37	ug/L	93				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	36	ug/L	90				0	0	
	3-Nitroaniline	40	30	ug/L	75				0	0	
	Acenaphthene	40	36	ug/L	90				0	0	
	2,4-Dinitrophenol	40	26	ug/L	65				0	0	
	4-Nitrophenol	40	32	ug/L	80				0	0	
	Dibenzofuran	40	36	ug/L	90				0	0	
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0	
	Diethylphthalate	40	35	ug/L	88				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	36	ug/L	90				0	0	
	4-Nitroaniline	40	34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166161BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0		
	N-Nitrosodiphenylamine	40	37	ug/L	93				0	0		
	1,2,4,5-Tetrachlorobenzene	40	37	ug/L	93				0	0		
	4-Bromophenyl-phenylether	40	36	ug/L	90				0	0		
	Hexachlorobenzene	40	35	ug/L	88				0	0		
	Atrazine	40	30	ug/L	75				0	0		
	Pentachlorophenol	40	31	ug/L	78				0	0		
	Phenanthrene	40	36	ug/L	90				0	0		
	Pentachlorobenzene	40	36	ug/L	90				0	0		
	Anthracene	40	37	ug/L	93				0	0		
	1,2,3,4-Tetrachlorobenzene	40	38	ug/L	95				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	34	ug/L	85				0	0		
	Fluoranthene	40	35	ug/L	88				0	0		
	Pyrene	40	35	ug/L	88				0	0		
	Butylbenzylphthalate	40	33	ug/L	83				0	0		
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0		
	Benzo(a)anthracene	40	36	ug/L	90				0	0		
	Chrysene	40	37	ug/L	93				0	0		
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0		
	Di-n-octylphthalate	40	31	ug/L	78				0	0		
	Benzo(b)fluoranthene	40	37	ug/L	93				0	0		
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0		
	Benzo(a)pyrene	40	37	ug/L	93				0	0		
	Indeno(1,2,3-cd)pyrene	40	40	ug/L	100				0	0		
	Dibenzo(a,h)anthracene	40	40	ug/L	100				0	0		
	Benzo(g,h,i)perylene	40	41	ug/L	103				0	0		
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK156

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049369.D

Lab Sample ID: PB166156BL

Instrument ID: BNA_M

Date Extracted: 01/21/2025

Matrix: (soil/water) water

Date Analyzed: 01/21/2025

Level: (low/med) LOW

Time Analyzed: 17:44

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
JNLA7	Q1130-01	BM049371.D	01/21/2025
PB166156BS	PB166156BS	BM049375.D	01/21/2025
PB166133TB	PB166133TB	BM049377.D	01/21/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK157

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049368.D

Lab Sample ID: PB166157BL

Instrument ID: BNA_M

Date Extracted: 01/21/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/21/2025

Level: (low/med) LOW

Time Analyzed: 17:05

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166157BS	PB166157BS	BM049374.D	01/21/2025
JNLA7	Q1131-01	BM049370.D	01/21/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK161

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM012225

SAS No.: BM012225 SDG NO.: BM012225

Lab File ID: BM049378.D

Lab Sample ID: PB166161BL

Instrument ID: BNA_M

Date Extracted: 01/21/2025

Matrix: (soil/water) Water

Date Analyzed: 01/21/2025

Level: (low/med) LOW

Time Analyzed: 23:34

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCZJ8	Q1139-21	BM049372.D	01/21/2025
DCZJ9	Q1139-22	BM049373.D	01/21/2025
PB166161BS	PB166161BS	BM049376.D	01/21/2025

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166133TB	PB166133TB	BM049377.D	1,4-Dioxane-d8	80	67.63	84		15	120
			Pyridine-d5	400	314.98	78		20	120
			Phenol-d5	400	298.38	74		10	130
			Bis(2-Chloroethyl)ether-d8	400	304.74	76		25	120
			2-Chlorophenol-d4	400	316.87	79		20	130
			4-Methylphenol-d8	400	284.74	71		25	125
			Nitrobenzene-d5	400	304.59	76		20	125
			2-Nitrophenol-d4	400	295.32	73		20	130
			2,4-Dichlorophenol-d3	400	285.15	71		20	120
			4-Chloroaniline-d4	400	255.67	63		1	146
			Dimethylphthalate-d6	400	311.71	77		25	130
			Acenaphthylene-d8	400	318.47	79		10	130
			4-Nitrophenol-d4	400	146.77	36		10	150
			Fluorene-d10	400	315.17	78		25	125
			4,6-Dinitro-2-methylphenol-d2	400	183.96	46		10	130
			Anthracene-d10	400	326.83	81		25	130
			Pyrene-d10	400	362.43	90		15	130
			Benzo(a)pyrene-d12	400	325.17	81		20	130
PB166156BL	PB166156BL	BM049369.D	1,4-Dioxane-d8	8	6.90	86		15	120
			Pyridine-d5	40	32.04	80		20	120
			Phenol-d5	40	29.19	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.83	77		25	120
			2-Chlorophenol-d4	40	30.79	77		20	130
			4-Methylphenol-d8	40	27.15	68		25	125
			Nitrobenzene-d5	40	30.65	77		20	125
			2-Nitrophenol-d4	40	28.71	72		20	130
			2,4-Dichlorophenol-d3	40	27.63	69		20	120
			4-Chloroaniline-d4	40	25.51	64		1	146
			Dimethylphthalate-d6	40	30.55	76		25	130
			Acenaphthylene-d8	40	32.49	81		10	130
			4-Nitrophenol-d4	40	14.87	37		10	150
			Fluorene-d10	40	32.37	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.16	45		10	130
			Anthracene-d10	40	33.22	83		25	130
			Pyrene-d10	40	34.73	87		15	130
			Benzo(a)pyrene-d12	40	32.06	80		20	130
PB166156BS	PB166156BS	BM049375.D	1,4-Dioxane-d8	8	5.08	63		15	120
			Pyridine-d5	40	26.84	67		20	120
			Phenol-d5	40	28.80	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.57	66		25	120
			2-Chlorophenol-d4	40	29.46	74		20	130
			4-Methylphenol-d8	40	27.76	69		25	125
			Nitrobenzene-d5	40	26.46	66		20	125
			2-Nitrophenol-d4	40	26.27	66		20	130
			2,4-Dichlorophenol-d3	40	29.03	73		20	120
			4-Chloroaniline-d4	40	22.85	57		1	146
			Dimethylphthalate-d6	40	27.44	69		25	130
			Acenaphthylene-d8	40	27.89	70		10	130
			4-Nitrophenol-d4	40	23.81	60		10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166156BS	PB166156BS	BM049375.D	Fluorene-d10	40	27.52	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.26	63		10	130
			Anthracene-d10	40	28.09	70		25	130
			Pyrene-d10	40	27.44	69		15	130
			Benzo(a)pyrene-d12	40	28.85	72		20	130
Q1130-01	JNLA7	BM049371.D	1,4-Dioxane-d8	80	33.88	42		15	120
			Pyridine-d5	400	122.78	30		20	120
			Phenol-d5	400	83.33	20		10	130
			Bis(2-Chloroethyl)ether-d8	400	366.94	91		25	120
			2-Chlorophenol-d4	400	303.21	75		20	130
			4-Methylphenol-d8	400	186.57	46		25	125
			Nitrobenzene-d5	400	363.98	91		20	125
			2-Nitrophenol-d4	400	336.73	84		20	130
			2,4-Dichlorophenol-d3	400	312.17	78		20	120
			4-Chloroaniline-d4	400	267.93	67		1	146
			Dimethylphthalate-d6	400	371.74	92		25	130
			Acenaphthylene-d8	400	379.00	94		10	130
			4-Nitrophenol-d4	400	35.79	8	*	10	150
			Fluorene-d10	400	396.30	99		25	125
			4,6-Dinitro-2-methylphenol-d2	400	246.63	61		10	130
			Anthracene-d10	400	406.20	101		25	130
			Pyrene-d10	400	451.30	112		15	130
			Benzo(a)pyrene-d12	400	392.38	98		20	130

Surrogate Summary

SW-846

SDG No.: **BM012225**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166157BL	PB166157BL	BM049368.D	Pyridine-d5	40	27.82	70		20	120
			1,4-Dioxane-d8	8	6.11	76		15	120
			Phenol-d5	40	27.58	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.66	74		10	150
			2-Chlorophenol-d4	40	29.07	73		15	120
			4-Methylphenol-d8	40	26.03	65		10	140
			Nitrobenzene-d5	40	30.43	76		10	135
			2-Nitrophenol-d4	40	28.49	71		10	120
			2,4-Dichlorophenol-d3	40	26.60	66		10	140
			4-Chloroaniline-d4	40	24.77	62		1	145
			Dimethylphthalate-d6	40	31.38	78		10	145
			Acenaphthylene-d8	40	31.45	79		15	120
			4-Nitrophenol-d4	40	17.11	43		10	150
			Fluorene-d10	40	32.01	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.42	54		10	130
			Anthracene-d10	40	33.21	83		10	150
			Pyrene-d10	40	37.09	93		10	130
			Benzo(a)pyrene-d12	40	32.76	82		10	140
PB166157BS	PB166157BS	BM049374.D	Pyridine-d5	40	29.38	73		20	120
			1,4-Dioxane-d8	8	6.40	80		15	120
			Phenol-d5	40	29.92	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.97	77		10	150
			2-Chlorophenol-d4	40	30.63	77		15	120
			4-Methylphenol-d8	40	28.67	72		10	140
			Nitrobenzene-d5	40	30.75	77		10	135
			2-Nitrophenol-d4	40	29.58	74		10	120
			2,4-Dichlorophenol-d3	40	31.32	78		10	140
			4-Chloroaniline-d4	40	26.55	66		1	145
			Dimethylphthalate-d6	40	31.07	78		10	145
			Acenaphthylene-d8	40	31.88	80		15	120
			4-Nitrophenol-d4	40	28.72	72		10	150
			Fluorene-d10	40	33.49	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.80	72		10	130
			Anthracene-d10	40	32.71	82		10	150
			Pyrene-d10	40	32.11	80		10	130
			Benzo(a)pyrene-d12	40	33.36	83		10	140
Q1131-01	JNLA7	BM049370.D	1,4-Dioxane-d8	8	4.72	59		15	120
			Pyridine-d5	40	20.17	50		20	120
			Phenol-d5	40	20.49	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.25	58		10	150
			2-Chlorophenol-d4	40	21.70	54		15	120
			4-Methylphenol-d8	40	19.16	48		10	140
			Nitrobenzene-d5	40	21.91	55		10	135
			2-Nitrophenol-d4	40	19.91	50		10	120
			2,4-Dichlorophenol-d3	40	19.67	49		10	140
			4-Chloroaniline-d4	40	17.83	45		1	145
			Dimethylphthalate-d6	40	22.65	57		10	145
			Acenaphthylene-d8	40	22.91	57		15	120
			4-Nitrophenol-d4	40	9.93	25		10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1131-01	JNLA7	BM049370.D	Fluorene-d10	40	22.60	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.58	24		10	130
			Anthracene-d10	40	22.47	56		10	150
			Pyrene-d10	40	22.27	56		10	130
			Benzo(a)pyrene-d12	40	19.87	50		10	140

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166161BL	PB166161BL	BM049378.D	1,4-Dioxane-d8	8	6.47	81		15	120
			Pyridine-d5	40	30.95	77		20	120
			Phenol-d5	40	29.41	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.52	76		25	120
			2-Chlorophenol-d4	40	30.68	77		20	130
			4-Methylphenol-d8	40	27.37	68		25	125
			Nitrobenzene-d5	40	29.70	74		20	125
			2-Nitrophenol-d4	40	27.81	70		20	130
			2,4-Dichlorophenol-d3	40	27.60	69		20	120
			4-Chloroaniline-d4	40	24.28	61		1	146
			Dimethylphthalate-d6	40	30.03	75		25	130
			Acenaphthylene-d8	40	30.77	77		10	130
			4-Nitrophenol-d4	40	13.97	35		10	150
			Fluorene-d10	40	31.38	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.94	42		10	130
			Anthracene-d10	40	31.68	79		25	130
			Pyrene-d10	40	34.92	87		15	130
			Benzo(a)pyrene-d12	40	30.47	76		20	130
PB166161BS	PB166161BS	BM049376.D	Pyridine-d5	40	35.61	89		20	120
			1,4-Dioxane-d8	8	7.25	91		15	120
			Phenol-d5	40	35.43	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.77	87		25	120
			2-Chlorophenol-d4	40	36.95	92		20	130
			4-Methylphenol-d8	40	33.34	83		25	125
			Nitrobenzene-d5	40	34.37	86		20	125
			2-Nitrophenol-d4	40	33.76	84		20	130
			2,4-Dichlorophenol-d3	40	35.99	90		20	120
			4-Chloroaniline-d4	40	28.48	71		1	146
			Dimethylphthalate-d6	40	35.01	88		25	130
			Acenaphthylene-d8	40	36.20	91		10	130
			4-Nitrophenol-d4	40	30.21	76		10	150
			Fluorene-d10	40	35.76	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.11	78		10	130
			Anthracene-d10	40	36.82	92		25	130
			Pyrene-d10	40	35.14	88		15	130
			Benzo(a)pyrene-d12	40	37.39	93		20	130
Q1139-21	DCZJ8	BM049372.D	Pyridine-d5	40	6.18	15	*	20	120
			1,4-Dioxane-d8	8	6.92	87		15	120
			Phenol-d5	40	7.78	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.01	95		25	120
			2-Chlorophenol-d4	40	32.32	81		20	130
			4-Methylphenol-d8	40	18.85	47		25	125
			Nitrobenzene-d5	40	36.40	91		20	125
			2-Nitrophenol-d4	40	34.06	85		20	130
			2,4-Dichlorophenol-d3	40	33.19	83		20	120
			4-Chloroaniline-d4	40	25.24	63		1	146
			Dimethylphthalate-d6	40	37.90	95		25	130
			Acenaphthylene-d8	40	38.12	95		10	130
			4-Nitrophenol-d4	40	3.61	9	*	10	150

Surrogate Summary

SW-846

SDG No.: BM012225

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1139-21	DCZJ8	BM049372.D	Fluorene-d10	40	41.24	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.50	64		10	130
			Anthracene-d10	40	44.58	111		25	130
			Pyrene-d10	40	47.20	118		15	130
			Benzo(a)pyrene-d12	40	44.20	111		20	130
Q1139-22	DCZJ9	BM049373.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	6.33	16	*	20	120
			Phenol-d5	40	6.55	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.57	81		25	120
			2-Chlorophenol-d4	40	27.51	69		20	130
			4-Methylphenol-d8	40	15.65	39		25	125
			Nitrobenzene-d5	40	31.95	80		20	125
			2-Nitrophenol-d4	40	28.86	72		20	130
			2,4-Dichlorophenol-d3	40	27.86	70		20	120
			4-Chloroaniline-d4	40	0.93	2		1	146
			Dimethylphthalate-d6	40	33.61	84		25	130
			Acenaphthylene-d8	40	33.12	83		10	130
			4-Nitrophenol-d4	40	2.69	7	*	10	150
			Fluorene-d10	40	36.06	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.67	57		10	130
			Anthracene-d10	40	39.14	98		25	130
			Pyrene-d10	40	42.30	106		15	130
			Benzo(a)pyrene-d12	40	38.52	96		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM012225

Lab Code: CHEM

SAS No.: BM012225

SDG NO.: BM012225

Lab File ID: BM049366.D

DFTPP Injection Date: 01/21/2025

Instrument ID: BNA_M

DFTPP Injection Time: 15:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	65.3
443	15.0 - 24.0% of mass 442	12.5 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020067	SSTDCCC020	BM049367.D	01/21/2025	16:26
SBLK157	PB166157BL	BM049368.D	01/21/2025	17:05
SBLK156	PB166156BL	BM049369.D	01/21/2025	17:44
JNLA7	Q1131-01	BM049370.D	01/21/2025	18:23
JNLA7	Q1130-01	BM049371.D	01/21/2025	19:02
DCZJ8	Q1139-21	BM049372.D	01/21/2025	19:41
DCZJ9	Q1139-22	BM049373.D	01/21/2025	20:20
SLCS157	PB166157BS	BM049374.D	01/21/2025	20:58
SLCS156	PB166156BS	BM049375.D	01/21/2025	21:37
SLCS161	PB166161BS	BM049376.D	01/21/2025	22:16
SLEB133	PB166133TB	BM049377.D	01/21/2025	22:55
SBLK161	PB166161BL	BM049378.D	01/21/2025	23:34
SSTD020068	SSTDCCC020EC	BM049379.D	01/22/2025	00:52